



# CONSTRUCTION EQUIPMENT

W07012686 VOLVO A40G 341245 - WET DISC BRAKE



**Sample No:** VCP423653  
**Oil Type:** MOBIL WB 102  
**Job No:** W07012686



## SAMPLE INFORMATION

Sample Number	VCP423653	VCP252575	---	---
Sample Date	21 Jul 2023	27 Jul 2019	---	---
Machine Hours	7168	4096	---	---
Oil Hours	2000	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

**McClung-Logan Virginia LLC- RICHMOND**  
1345 MOUNTAIN ROAD  
GLEN ALLEN, VA  
US 23060  
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KRATLIFFE@MCCLUNG-LOGAN.COM  
T:  
F: (804)266-1611



## OIL CONDITION

Visc @ 40°C	cSt	■ 41.0	■ 40.7	---	---
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## CONTAMINATION

Silicon	ppm	■ 11	■ 12	---	---
Sodium	ppm	■ 3	■ 6	---	---
Potassium	ppm	■ 0	■ <1	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	■ 32	■ 37	---	---
Copper	ppm	▲ 224	▲ 320	---	---
Lead	ppm	■ 4	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ <1	■ 1	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	0	■ 0	---	---
Nickel	ppm	■ 2	■ 5	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	■ 2	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	3589	■ 3635	---	---
Magnesium	ppm	9	■ 5	---	---
Zinc	ppm	1510	■ 1505	---	---
Phosphorus	ppm	1219	■ 1278	---	---
Barium	ppm	0	■ 0	---	---
Boron	ppm	133	■ 104	---	---

**Depot:** VOLVO8882  
**Unique No:** 10604467  
**Signed:** Jonathan Hester  
**Report Date:** 16 Aug 2023

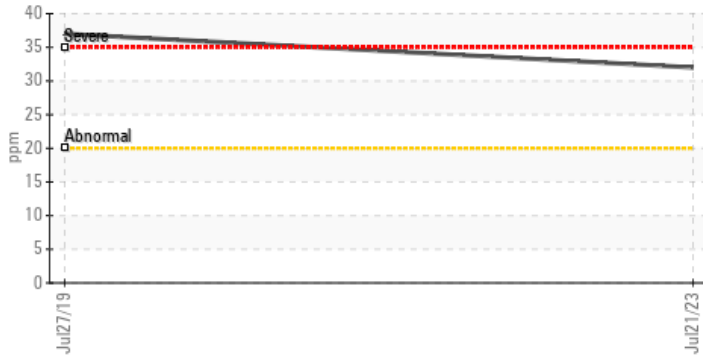


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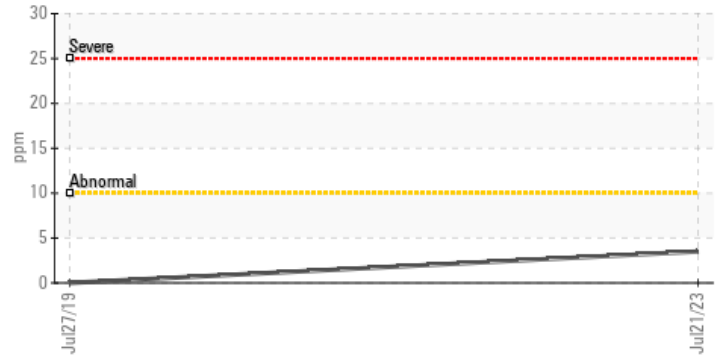


## GRAPHS

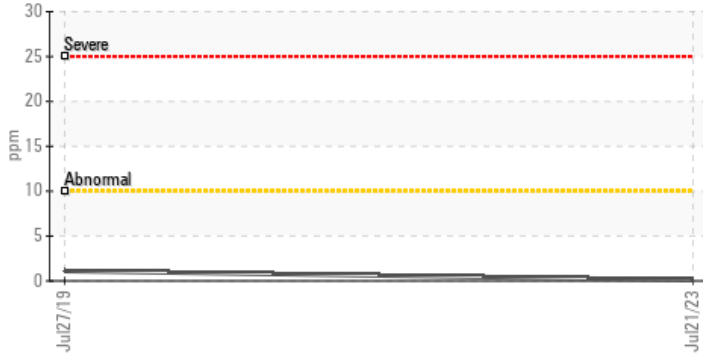
### Iron (ppm)



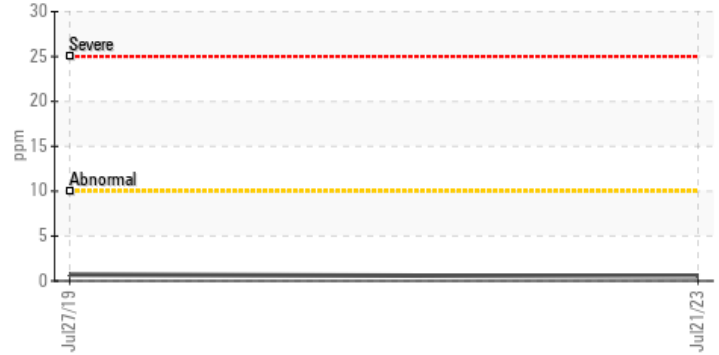
### Lead (ppm)



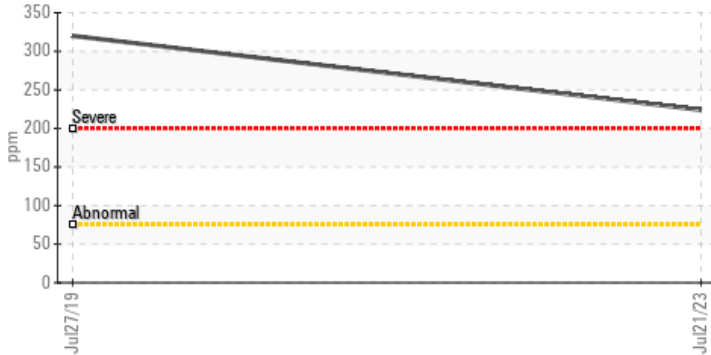
### Aluminum (ppm)



### Chromium (ppm)



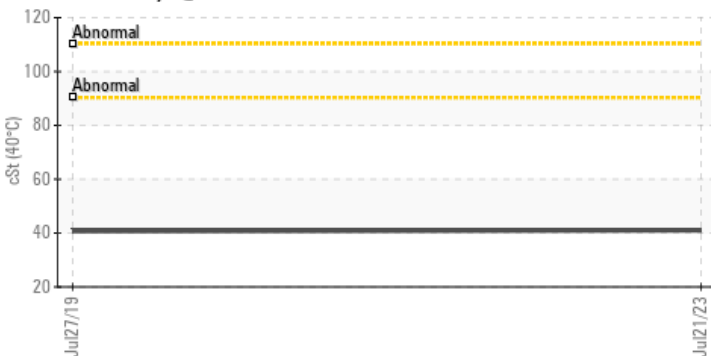
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

